

Guru Nanak Dev Engineering College, Ludhiana
Department of Information Technology

Ref. No.: IT/30/2899

Dated: 08-08-2017

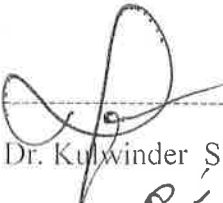
Minutes of 5th meeting of Board of Studies of Information Technology department held on August 08, 2017 at 10:00 am in the office of HOD (IT).

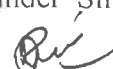
Following members were present:


1. Dr. Kulvinder Singh Mann, Professor & Head, Department of Information Technology, GNDEC, Ludhiana (Chairman)
2. Dr. Akshay Girdhar, Professor, Department of Information Technology, GNDEC, Ludhiana (Member)
3. Dr. Manpreet Singh, Assistant Professor, Department of Information Technology, GNDEC, Ludhiana (Member)
4. Dr. Kiran Jyoti, Assistant Professor, Department of Information Technology, GNDEC, Ludhiana (Member)

External Members

5. Dr. Savita Gupta, Professor, UIET, Punjab University Chandigarh (Member)
6. Dr. Amardeep Singh, Professor, UCOE, Punjabi University, Patiala (Member)
7. Dr. Krishan Kumar Saluja, Professor, UIET, Punjab University Chandigarh (Member) Not attende
8. Er. Harpreet Singh, MD, Harkash Technology Pvt. Ltd., Ludhiana (Member)



Dr. Kulvinder Singh Mann


Dr. Akshay Girdhar


Dr. Manpreet Singh


Dr. Kiran Jyoti


Dr. Savita Gupta


Dr. Amardeep Singh

Dr. Krishan Kumar
Saluja


Er. Harpreet Khattar

Agenda Item-1


1.1 Amendments in Scheme 2014 of B.Tech Information Technology for Batch


2014 onwards for 7th /8th Semester

Third Semester

Course Code	Course Name	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
IT-14301	IT Methodologies	3	1	-	40	60	100	4
IT-14302	Social and Professional aspects of IT	3	1	-	40	60	100	4
IT-14303	Data Structures and Programming Methodology	3	1	-	40	60	100	4
CS-14303	Digital Circuits and Logic Design	3	1	-	40	60	100	4
CS-14305	Object Oriented Programming using C++	3	1	-	40	60	100	4
IT-14304	IT Methodologies Lab	-	-	3	30	20	50	2
IT-14305	Data Structures and Programming Methodology Lab	-	-	4	30	20	50	2
CS-14306	Digital Circuits and Logic Design Lab	-	-	2	30	20	50	1
CS-14308	Object Oriented Programming using C++ Lab	-	-	4	30	20	50	2
TR-14301	Workshop Training*		-	-	60	40	100	2
Total		15	5	13	380	420	800	29
		Contact Hours=						
		33						

* Workshop Training will be imparted at the end of 2nd semester in the institute for four weeks in the college Central Workshop


Dr. Kulvinder Singh Mann


Dr. Akshay Girdhar


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Dr. Kiran Jyoti


Dr. Savita Gupta


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Fourth Semester

Course Code	Course Name	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
IT-14401	Database Management Systems	3	1	-	40	60	100	4
CS-14402	Operating Systems	3	1	-	40	60	100	4
IT-14403	Data Communication & Computer Networks	3	1	-	40	60	100	4
IT-14404	Web Technologies	3	1	-	40	60	100	4
IT-14405	Computer Architecture & Microprocessors	3	1	-	40	60	100	4
IT-14406	Database Management Systems Laboratory	-	-	4	30	20	50	2
CS-14406	Operating Systems Lab	-	-	2	30	20	50	1
IT-14407	Data Communication & Computer Networks Laboratory	-	-	2	30	20	50	1
IT-14408	Web Technologies Laboratory	-	-	3	30	20	50	2
IT-14409	Computer Architecture & Microprocessors Laboratory	-	-	2	30	20	50	1

Dr. Kulwinder Singh Mann

Dr. Kiran Jyoti

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GF-14401	General Fitness	-	-	-	100	-	100	1
Total		15	5	13	450	400	850	28
		Contact Hours= 33						

Fifth Semester

Course Code	Course Name	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
IT-14501	Discrete Mathematics	3	1	-	40	60	100	4
IT-14502	Programming in Java	3	1	-	40	60	100	4
IT-14503	Theory of Computation	3	1	-	40	60	100	4
IT-14504	Human Computer Interaction	3	1	-	40	60	100	4
DEIT-14xxx	Elective-I	3	1	-	40	60	100	4
IT-14505	Programming in Java Laboratory	-	-	4	30	20	50	2
IT-14506	Human Computer Interaction Laboratory	-	-	3	30	20	50	2
DEIT-14xxx	Elective-I Laboratory	-	-	2	30	20	50	1

Dr. Kulwinder Singh Mainn

Dr. Kitan Jyoti

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TR-14501	Industrial Training-I*				60	40	100	2
Total		15	5	09	350	400	750	27
		Contact Hours= 29						

* 06 weeks Industrial Training-I will be after the end of 4th semester.

Sixth Semester

Course Code	Course Name	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
IT-14601	Information Assurance and Security	3	1	-	40	60	100	4
IT-14602	Software Engineering and Testing	3	1	-	40	60	100	4
DEIT-14xxx	Elective-II	3	1	-	40	60	100	4
OEIT-14xxx	Open Elective	3	0	-	40	60	100	3
IT-14603	Probability and Statistics	3	1	-	40	60	100	4
IT-14604	Software Engineering and Testing Laboratory	-	-	4	30	20	50	2
DEIT-14xxx	Elective-II Laboratory	-	-	2	30	20	50	1
IT-14605	Information Assurance and Security	-	-	4	30	20	50	2

Dr. Kulwinder Singh Mann

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	Laboratory							
PRIT-14601	Minor Project	-	-	1	60	40	50	1
GF-14601	General Fitness		-	-	100	-	100	1
Total		15	4	11	450	400	850	26
		Contact Hours= 30						

Seventh Semester /Eighth Semester

Course Code	Course Name	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
IT-14701	Business Enterprise Application	3	1	-	40	60	100	4
IT-14702	ICT in Agriculture and Rural Development	3	1	-	40	60	100	4
DEIT-14xxx	Elective-III	3	1	-	40	60	100	4
IT-14703	Engineering Entrepreneurship	3	1	-	40	60	100	4
DEIT-14xxx	Elective-IV	3	1	-	40	60	100	4
PRIT-14701	Major Project	-	-	3	120	80	200	3
IT-14704	Business Enterprise	-	-	3	30	20	50	2

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	Application Laboratory							
DEIT-14xxx	Elective-III Laboratory	-	-	2	30	20	50	1
GF-14701	General Fitness			-	-	100	-	100
Total		15	05	08	480	420	900	27
		Contact Hours=28						

Seventh/Eighth Semester

Course Code	Course Name	Load Allocation			Marks Distribution		Total Marks	Credits
		L	T	P	Internal	External		
TRIT-14701	Industrial Training-II *	-	-	-	450	350	800	13
TRIT-14702	Industry Oriented Training	-	-	-	200		200	2
Total					450	550	1000	15

*In 4th year students will proceed for industrial training-II either in 7th or 8th semester as notified by the concerned department from time to time.

This training is bifurcated in to two components. First component TRIT-14701 (Industrial Training-II) is of 800 marks and second component TRIT-14702 (Industry Oriented Training) will be of 200 marks. This training will be in college and it will be in the form of FDP, Workshop, STP etc. and it is of 2 weeks. Students will be evaluated after completing this training out of 200 marks. At the end of training, the total marks obtained from both components will be used for final computation.

Elective-I

Dr. Kulwinder Singh Mann

Dr. Kiran Jyoti

Dr. Krishan Kumar Saluja

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Dr. Savita Gupta

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DEIT-14508 Advanced Computer Networks

- DEIT-14509 Advanced Computer Networks Laboratory
- DEIT-14510 Business Intelligence and its Applications
- DEIT-14511 Business Intelligence and its Applications Laboratory
- DEIT-14512 Digital Image Processing
- DEIT-14513 Digital Image Processing Laboratory
- DEIT-14514 .NET Technologies
- DEIT-14515 .NET Technologies Laboratory
- DEIT-14516 Advanced Web Technologies
- DEIT-14517 Advanced Web Technologies Laboratory
- DEIT-14518 Industry/Need based subject
- DEIT-14519 Industry/Need based subject Laboratory

Elective-II

- DEIT-14607 Advanced Java
- DEIT-14608 Advanced Java Laboratory
- DEIT-14609 Big Data Analytics

- DEIT-14610 Big Data Analytics Laboratory
- DEIT-14611 E-Commerce
- DEIT-14612 E-Commerce Laboratory
- DEIT-14613 Embedded Systems in C
- DEIT-14614 Embedded Systems in C Laboratory
- DEIT-14615 Information Storage and Management
- DEIT-14616 Information Storage and Management Laboratory
- DEIT-14617 Industry/Need based subject
- DEIT-14618 Industry/Need based subject Laboratory

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Elective-III

- DEIT-14705 Agile Software Development
- DEIT-14706 Agile Software Development Laboratory
- DEIT-14707 Bioinformatics
- DEIT-14708 Bioinformatics Laboratory
- DEIT-14709 Simulation and Modeling
- DEIT-14710 Simulation and Modeling Laboratory
- DEIT-14711 Mobile Application Development
- DEIT-14712 Mobile Application Development Laboratory
- DEIT-14713 Cloud Infrastructure and Services
- DEIT-14714 Cloud Infrastructure and Services Laboratory
- DEIT-14715 Industry/Need based subject
- DEIT-14716 Industry/Need based subject Laboratory

Elective-IV

- DEIT-14717 Compiler Design
- DEIT-14718 Computer Forensics
- DEIT-14719 Optimization Techniques
- DEIT-14720 Multimedia Systems
- DEIT-14721 Corporate IT Management
- DEIT-14722 Research Methodologies

Open Electives

- OEIT-14601 IT enabled services
- OEIT-14602 Management Information System

Approved

Agenda Item-2

2.1 Finalize the syllabus of 7th /8th Semester of B.Tech Information Technology for Batch

Dr. Kulwinder Singh Mann

Dr. Kiran Jyoti

Dr. Krishan Kumar

Dr. Akshay Girdhar

Dr. Savita Gupta

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2014 onwards.

After discussion and deliberation, necessary modifications have been incorporated in the proposed Syllabi of subjects of fifth semester of B.Tech Information Technology.

Committee approved the Syllabus and authorized Chairman BOS for further changes if required.

Approved

Agenda Item -3

3.1 Approval for panel of externals for B.Tech(IT) and M.Tech(IT) part-time.

Approved

Agenda Item -4

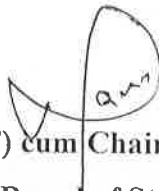
4.1 Discussion and Approval of Syllabus of FCPIT Theory and FCPIT Laboratory for 1st /2nd Semester for Batch 2017 onwards

After discussion and deliberation, necessary modifications have been incorporated in the proposed Syllabi of subjects of fifth semester of B.Tech Information Technology.

Committee approved the Syllabus and authorized Chairman BOS for further changes if required.

Approved

Meeting ended with the vote of thanks

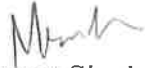

HOD (IT) cum Chairman
Board of Studies

Distributions:

1. Director, GNDEC, Ludhiana for kind information
2. All Members of BOS(IT)
3. Dean Academics, GNDEC, Ludhiana.
4. BOS File
5. Faculty of the department of IT


Dr. Kulwinder Singh Mann


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